

Experiment Number: A28145

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pentaerythritol triacrylate

CAS Number: 3524-68-3

Date Report Requested: 09/20/2018

Time Report Requested: 07:49:25

**NTP Study Number:**

A28145

**Study Duration:**

13 Weeks

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Negative

Experiment Number: A28145  
Test Type: Genetic Toxicology - Micronucleus  
Route: Dermal  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Pentaerythritol triacrylate  
CAS Number: 3524-68-3

Date Report Requested: 09/20/2018  
Time Report Requested: 07:49:25

---

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

---

<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	1.20 ± 0.21	
0.75	10	0.75 ± 0.15	0.9253
1.5	10	1.00 ± 0.15	0.7269
3.0	10	0.90 ± 0.19	0.8229
6.0	10	1.05 ± 0.22	0.6727
12.0	10	1.05 ± 0.16	0.6727
Trend p-Value		0.3940	

Trial Summary: Negative

---

Experiment Number: A28145

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pentaerythritol triacrylate

CAS Number: 3524-68-3

Date Report Requested: 09/20/2018

Time Report Requested: 07:49:25

---

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

---

<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	9	0.72 ± 0.15	
0.75	10	0.65 ± 0.15	0.6060
1.5	9	0.78 ± 0.19	0.4237
3.0	10	0.65 ± 0.17	0.6060
6.0	10	0.90 ± 0.18	0.2722
12.0	10	0.85 ± 0.11	0.3290
Trend p-Value		0.2110	

Trial Summary: Negative

---

Experiment Number: A28145

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Pentaerythritol triacrylate

CAS Number: 3524-68-3

Date Report Requested: 09/20/2018

Time Report Requested: 07:49:25

LEGEND

---

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean  $\pm$  Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at  $p = 0.025/\text{number of treatment groups}$ ; positive control value is significant at  $p = 0.05$

Cochran-Armitage trend test, significant at  $p = 0.025$

\* Statistically significant pairwise or trend test

1: Vehicle Control: Acetone

**\*\* END OF REPORT \*\***